

# Weed Management in Short Statured Corn

## Janesville, WI 2024

### Trial Information

Trial Sponsor(s): Bayer

Objective: Evaluate Bayer Crop Science corn herbicide recommendations in short statured corn

Crop: Corn

Hybrid: PR105-20SSC

Weed species (pressure): Giant ragweed (high-very high)

Herbicide Application(s): PRE – 5/6  
POST – 6/6 (V4/V5 corn)

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For the full report see trial #24-ROK-CN02 in the [2024 Wisconsin Weed Science Research Report](#)



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Trt #	Herbicide (rate acre <sup>-1</sup> )	Giant Ragweed (%)				Yield <sup>b</sup> bu acre <sup>-1</sup>
		5/28	6/6	6/21	10/18	
1	Untreated Check	0	0	0	0	3 e
<b>One-Pass – PRE (5/6)</b>						
2	Harness (2 pt) + AAtrex (2 pt)	79	82	58	11	18 e
3	TripleFlex II (3 pt) + AAtrex (2 pt)	88	88	71	23	41 d
4	Harness MAX (64 oz) + AAtrex (2 pt)	88	94	85	50	112 b
5	TriVolt (20 oz) + AAtrex (2 pt)	78	88	77	35	77 c
<b>Two-Pass – PRE (5/6) <i>fb</i> POST (6/6)</b>		<b>POST</b>				
6	Harness (2 pt) + AAtrex (2 pt) <i>fb</i> Laudis (3 oz) + Roundup PM3 (30 oz) + MSO (1%) + AMSOL (2.5%)	81	77	93	88	229 a
7	TripleFlex II (1.5 pt) + AAtrex (2 pt) <i>fb</i> DiFlexx (8 oz) + Roundup PM3 (30 oz) + COC (1%) + Class Act Ridion (1%)	79	73	97	96	238 a
8	Harness MAX (55 oz) + AAtrex (2 pt) <i>fb</i> DiFlexx (8 oz) + Roundup PM3 (30 oz) + COC (1%) + Class Act Ridion (1%)	90	92	97	95	241 a
9	TriVolt (12 oz) + AAtrex (2 pt) <i>fb</i> DiFlexx (8 oz) + RU PM3 (30 oz) + Warrant (3 pt) + COC (1%) + Class Act Ridion (1%)	69	78	98	95	233 a
10	Verdict (16 oz) + AAtrex (2 pt) <i>fb</i> Status (5 oz) + Roundup PM3 (30 oz) + NIS (0.25%) + AMSOL (2.5%)	95	91	98	95	244 a
		LSD ( $\alpha=0.10$ )	7	7	4	11
		p value	<.001	<.001	<.001	<.001
			22			
			<0.001			

<sup>a</sup>Visual control from 70-100% is illustrated on a color scale with green representing greater weed control values.

<sup>b</sup>Yield values with the same letter are not significantly different.

# Weed Management in Short Statured Corn

## Janesville, WI 2024

Plot pictures taken on 5/28  
22 days after the PRE application

The number in the upper right-hand corner is the  
average % giant ragweed control of 4 replications

**22 days after PRE (5/28)**

**Untreated Check**

**0%**



**22 days after PRE (5/28)**  
**PRE: 2 pt Harness + 2 pt Aatrex**

**80%**



22 days after PRE (5/28)

PRE: 3 pt TripleFlex II + 2 pt Aatrex

88%



22 days after PRE (5/28)

PRE: 64 oz Harness MAX + 2 pt Aatrex

88%



**22 days after PRE (5/28)**  
**PRE: 20 oz TriVolt + 2 pt Aatrex**

**78%**



22 days after PRE (5/28)

PRE: 1.5 pt TripleFlex II + 2 pt Aatrex

79%



22 days after PRE (5/28)

PRE: 55 oz Harness MAX + 2 pt Aatrex

90%



**22 days after PRE (5/28)  
PRE: 12 oz TriVolt + 2 pt Aatrex**

**69%**



**22 days after PRE (5/28)  
PRE: 16 oz Verdict + 2 pt Aatrex**

**95%**



# Weed Management in Short Statured Corn

## Janesville, WI 2024

Plot pictures taken on 6/6

31 days after the PRE application  
The day of the POST application

The number in the upper right-hand corner is the average % giant ragweed control of 4 replications

**31 days after PRE (6/6)**  
**Untreated Check**

**0%**



**31 days after PRE (6/6)**  
**PRE: 2 pt Harness + 2 pt Aatrex**

**80%**



31 days after PRE (6/6)

PRE: 3 pt TripleFlex II + 2 pt Aatrex

88%



31 days after PRE (6/6)

PRE: 64 oz Harness MAX + 2 pt Aatrex

94%



**31 days after PRE (6/6)**  
**PRE: 20 oz TriVolt + 2 pt Aatrex**

**88%**



31 days after PRE (6/6)

PRE: 1.5 pt TripleFlex II + 2 pt Aatrex

73%



31 days after PRE (6/6)

PRE: 55 oz Harness MAX + 2 pt Aatrex

92%



31 days after PRE (6/6)

PRE: 12 oz TriVolt + 2 pt Aatrex

78%



31 days after PRE (6/6)

PRE: 16 oz Verdict + 2 pt Aatrex

91%



# Weed Management in Short Statured Corn

## Janesville, WI 2024

Plot pictures taken on 6/21

46 days after the PRE application  
15 days after the POST application

The number in the upper right-hand corner is the average % giant ragweed control of 4 replications

**46 days after PRE (6/21)**

**Untreated Check**

**0%**



**46 days after PRE (6/21)**  
**PRE: 2 pt Harness + 2 pt Aatrex**

**58%**



46 days after PRE (6/21)

PRE: 3 pt TripleFlex II + 2 pt Aatrex

71%



46 days after PRE (6/21)

PRE: 64 oz Harness MAX + 2 pt Aatrex

85%



**46 days after PRE (6/21)**  
**PRE: 20 oz TriVolt + 2 pt Aatrex**

**77%**



**15 days after POST (6/21)**

**PRE: 2 pt Harness + 2 pt Aatrex fb**

**POST: 3 oz Laudis + 30 oz Roundup PM3 + MSO + AMS**

**93%**



**15 days after POST (6/21)**

**PRE: 1.5 pt TripleFlex II + 2 pt Aatrex fb**

**POST: 8 oz DiFlexx + 30 oz Roundup PM3 + COC + Class Act Ridion**

**97%**



**15 days after POST (6/21)**

**PRE: 55 oz Harness MAX + 2 pt Aatrex fb**

**POST: 8 oz DiFlexx + 30 oz Roundup PM3 + COC + Class Act Ridion**

**97%**



**15 days after POST (6/21)**

**PRE: 12 oz TriVolt + 2 pt Aatrex *fb***

**POST: 8 oz DiFlexx + 30 oz RU PM3 + 3 pt Warrant + COC + Class Act Ridion**

**98%**



**15 days after POST (6/21)**

**PRE: 16 oz Verdict + 2 pt Aatrex *fb***

**POST: 5 oz Status + 30 oz Roundup PM3 + NIS + AMS**

**98%**

